

CUSTOMER NO.: 24498
Serial No. 10/535,106
Office Action dated 5/27/09
Response dated: 8/04/09

RECEIVED
CENTRAL FAX CENTER
AUG 04 2009

PATENT
PD020106

Amendments to the Claims

Please cancel claim 13 without prejudice.

Please amend claims 1, 5 and 11 as follows:

1. (Currently Amended) A Method for composition of subtitles for audio/video presentations, wherein data streams containing video, audio and subtitle information are transferred from a storage medium, such as a disc, including the steps of comprising:

retrieving from said storage medium subtitle layer data, the subtitle layer data containing graphic subtitle elements;

extracting from said retrieved subtitle layer data cropping information, the cropping information comprising a parameter for horizontal position, a parameter for vertical position, a parameter for width and a parameter for height; and

enabling automatic cropping of rectangular parts of the subtitle elements to be displayed, wherein the cropped parts are defined by said cropping information.

2. (Previously Presented) Method according to claim 1, wherein the cropped parts of the subtitle elements are synchronized to the audio/video presentation through presentation time stamps.

3. (Previously Presented) Method according to claim 1, wherein the subtitle layer data comprise data for a first color look-up table to be used within a sub-region of said cropped parts of the subtitles, the sub-region being specified by parameters included in said subtitle layer data, and further comprise data for a different second color look-up table to be used in the remainder of the subtitle layer.

CUSTOMER NO.: 24498
Serial No. 10/535,106
Office Action dated 5/27/09
Response dated: 8/04/09

PATENT
PD020106

4. (Previously Presented) Method according to claim 1, wherein a user may interactively move, crop or highlight subtitles or modify the colors of subtitles.

5. (Currently Amended) Apparatus for composition of subtitles for audio/video presentations, wherein data streams containing video, audio and subtitle information are transferred from a storage medium, the apparatus including comprising:

means for retrieving from said storage medium subtitle layer data, wherein the subtitle layer data contain graphic subtitle elements;

means for extracting from said retrieved subtitle layer data cropping information, the cropping information comprising a parameter for horizontal position, a parameter for vertical position, a parameter for width and a parameter for height; and

means for enabling automatic cropping of rectangular parts of the subtitle elements to be displayed, wherein the cropped parts are defined by said cropping information.

6. (Previously Presented) Apparatus according to claim 5, further comprising means for synchronizing the cropped parts of the subtitles to the audio/video presentation through presentation time stamps.

7-9 (Cancelled)

10. (Previously Presented) Apparatus according to claim 5, further comprising a subtitle decoder that is capable of superseding default subtitle parameters with other subtitle parameters generated upon user action, for interactively modifying or highlighting subtitles.

CUSTOMER NO.: 24498
Serial No. 10/535,106
Office Action dated 5/27/09
Response dated: 8/04/09

PATENT
PD020106

11. (Currently Amended) Apparatus for composition of subtitles, the apparatus mixing and switching video and graphics data, the data being read from a storage medium or received from a network and comprising at least one of still picture data ~~or and~~ MPEG video data, data for at least two layers of subtitles or animations, and ~~optionally~~ data for non-synchronized graphics, the apparatus comprising:

a mixer that may superimpose for superimposing video data of at least one of a back layer, at least two middle layers and a front layer;

a mixer and scaler that may superimpose for superimposing video data of at least one of a back layer, a middle layer and a front layer, wherein the output of the mixer and scaler ~~providing its output data is communicated~~ to the mixer;

~~at least one video decoder and/or a still picture decoder for decoding at least one of video and still pictures, wherein the output data of either the video decoder or the still picture at least one decoder may be switched is communicated to the mixer and scaler;~~

wherein at least two simultaneously working decoders work simultaneously for synchronized graphics or subtitles, wherein the output of each of the two decoders ~~may be switched communicated~~ to either at least one of the mixer ~~or and~~ the mixer and scaler, and wherein at least one of the two decoders ~~may select a part is capable of communicating of its respective input data to be output for display; and~~

a renderer for the non-synchronized graphics, communicating output data providing data to the mixer.

12. (Previously Presented) Apparatus according to claim 11, further comprising a subtitle decoder that is capable of superseding default subtitle parameters with other subtitle parameters generated upon user action, for interactively modifying or highlighting subtitles.

CUSTOMER NO.: 24498
Serial No. 10/535,106
Office Action dated 5/27/09
Response dated: 8/04/09

PATENT
PD020106

13. (Cancelled)